

CLAIMS

1. A television signal processing apparatus comprising:
a first tuner for tuning a first signal when said television signal
processing apparatus is in a first mode of operation and where power is removed
from said first tuning means during a second mode of operation;
a second tuner for tuning a second signal when said television signal
processing apparatus is in a first mode of operation and a second mode of operation,
wherein power is applied for a portion of the time said television signal processing
apparatus is in said second mode of operation; and
said portion of the time said television signal processing apparatus is in
said second mode of operation is less than 100 percent of the time said television
signal processing apparatus is in said second mode of operation.
- 15 2. The television signal processing apparatus of claim 1 wherein
power is applied to said second tuner during said portion of the time said television
signal processing apparatus is in said second mode of operation to facilitate the
reception of auxiliary data.
- 20 3. The television signal processing apparatus of claim 2 wherein
said auxiliary data is program guide information.
4. The television signal processing apparatus of claim 2 wherein
said auxiliary data is an emergency alert signal.
- 25 5. An apparatus comprising:
a tuner;
a source of operating power; and
a controller for causing the operating power to be applied to the tuner
30 during a normal mode of operation of the apparatus and during a first portion of a
standby mode of operation, and for causing the operating power to be removed from
the tuner during a second portion of the standby mode of operation.

6. The apparatus of claim 5 wherein operating power is applied to said tuner during said first portion of a standby mode of operation to facilitate the reception of auxiliary data.

5 7. The apparatus of claim 6 wherein said auxiliary data is program guide information.

8. The apparatus of claim 6 wherein said auxiliary data is an emergency alert signal.

10 9. The apparatus of claim 5 wherein said controller causes the operating power to be applied during said first portion of a standby mode of operation in response to a temperature measurement.

15 10. The apparatus of claim 5 wherein said controller causes the operating power to be applied during said first portion of a standby mode of operation at a predetermined time.

11. An apparatus comprising:

20 a control means;
a tuner; and

a power supply for applying power to said tuner in a portion of a standby mode in response to a signal from said control means.

25 12. The apparatus of claim 11 wherein operating power is applied to said tuner during said first portion of a standby mode of operation to facilitate the reception of auxiliary data.

30 13. The apparatus of claim 12 wherein said auxiliary data is program guide information.

14. The apparatus of claim 12 wherein said auxiliary data is an emergency alert signal.

15. The apparatus of claim 11 wherein said controller causes the operating power to be applied during said first portion of a standby mode of operation in response to a temperature measurement.

5

16. The apparatus of claim 11 wherein said controller causes the operating power to be applied during said first portion of a standby mode of operation at a predetermined time.

10

17. Signal processing apparatus having a normal mode of operation and having a standby mode of operation and comprising:

a tuner for selecting a signal;
a power supply for applying power to the tuner responsive to a control signal; and

15

a controller for generating the control signal in response to a parameter of the signal processing apparatus for causing the power supply to apply power to the tuner during the normal mode of operation and during a first portion of the standby mode of operation and for causing the power supply to remove power from the tuner during a second portion of the standby mode of operation.

20

18. A method for controlling power dissipation in a signal processing apparatus comprising the steps of:

applying power to a tuner in a first mode of operation; and
applying power to said tuner during a portion of a second mode of

25 operation and removing power during the remainder of said second mode of operation.

19. The method of claim 18 wherein power is applied to said tuner during said period of said second mode of operation to facilitate the reception of auxiliary data.

30 20. The method of claim 19 wherein said auxiliary data is program guide information.

21. The method of claim 18 wherein said auxiliary data is emergency alert signals.
- 5 22. The method of claim 18 wherein said power is applied during said first portion of a standby mode of operation in response to a temperature measurement.

10
